

FAST FY 2018 Data Call: A Preliminary Review

INTERFUEL – March 2019

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Topics

- **Status of FY 2018 fleet data submission**
- **Overview of the fleet**
- **This year's review process**

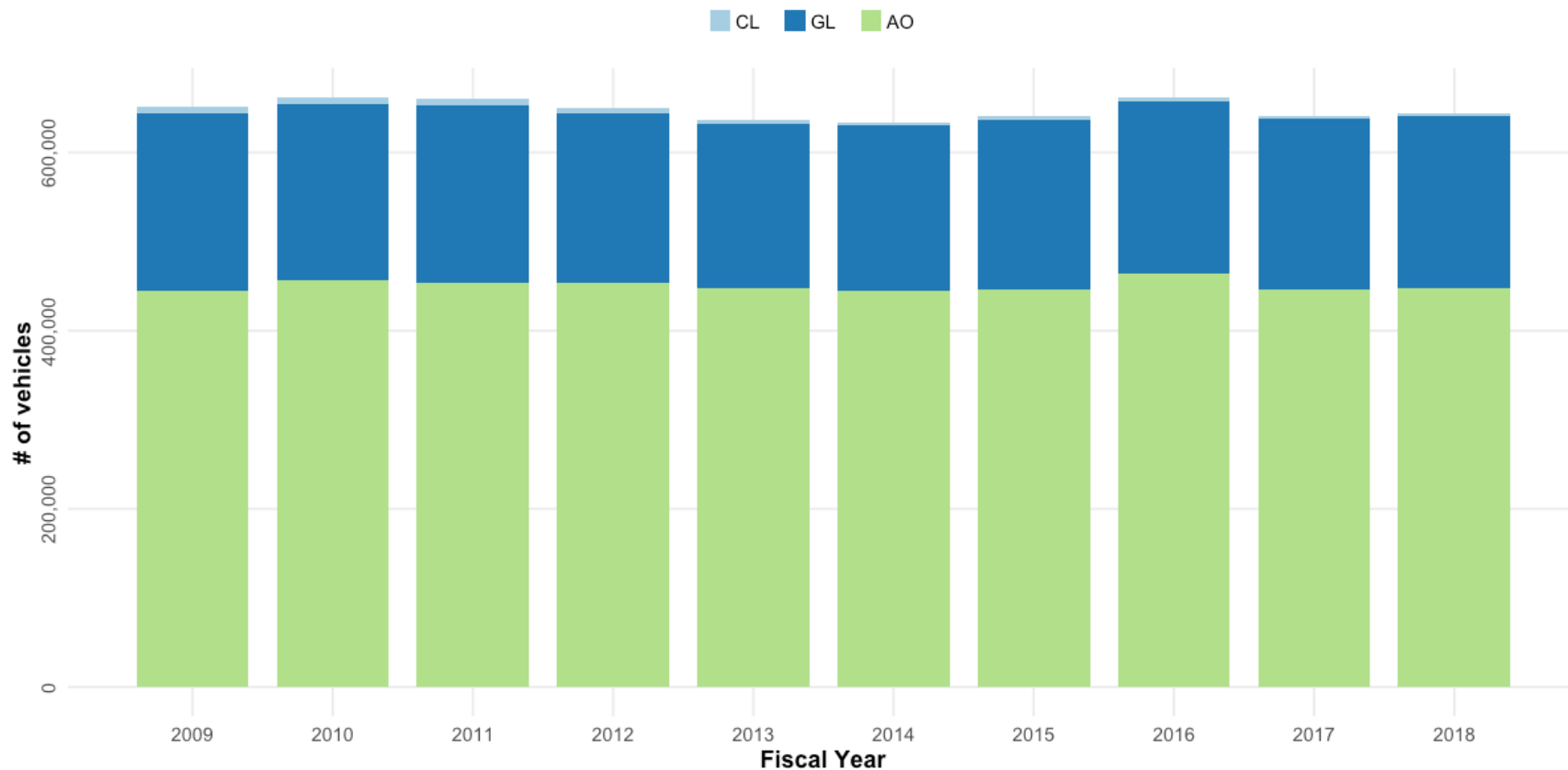
Status of FY 2018 Submission

- **All reporting agencies submitted vehicle-level data for FY 2018**
 - 40 of 50 reported VLD in FY 2017
- **48 reporting agencies**
 - 3 agencies finishing review & corrections
 - All other agencies' submissions considered final
- **Caveat: All data shown here is preliminary!**
 - Current as of 2019-03-06
 - **Will** change before considered final

Overview of FY 2018 Fleet Data

Federal Vehicle Inventory

Inventory by Fiscal Year and Ownership

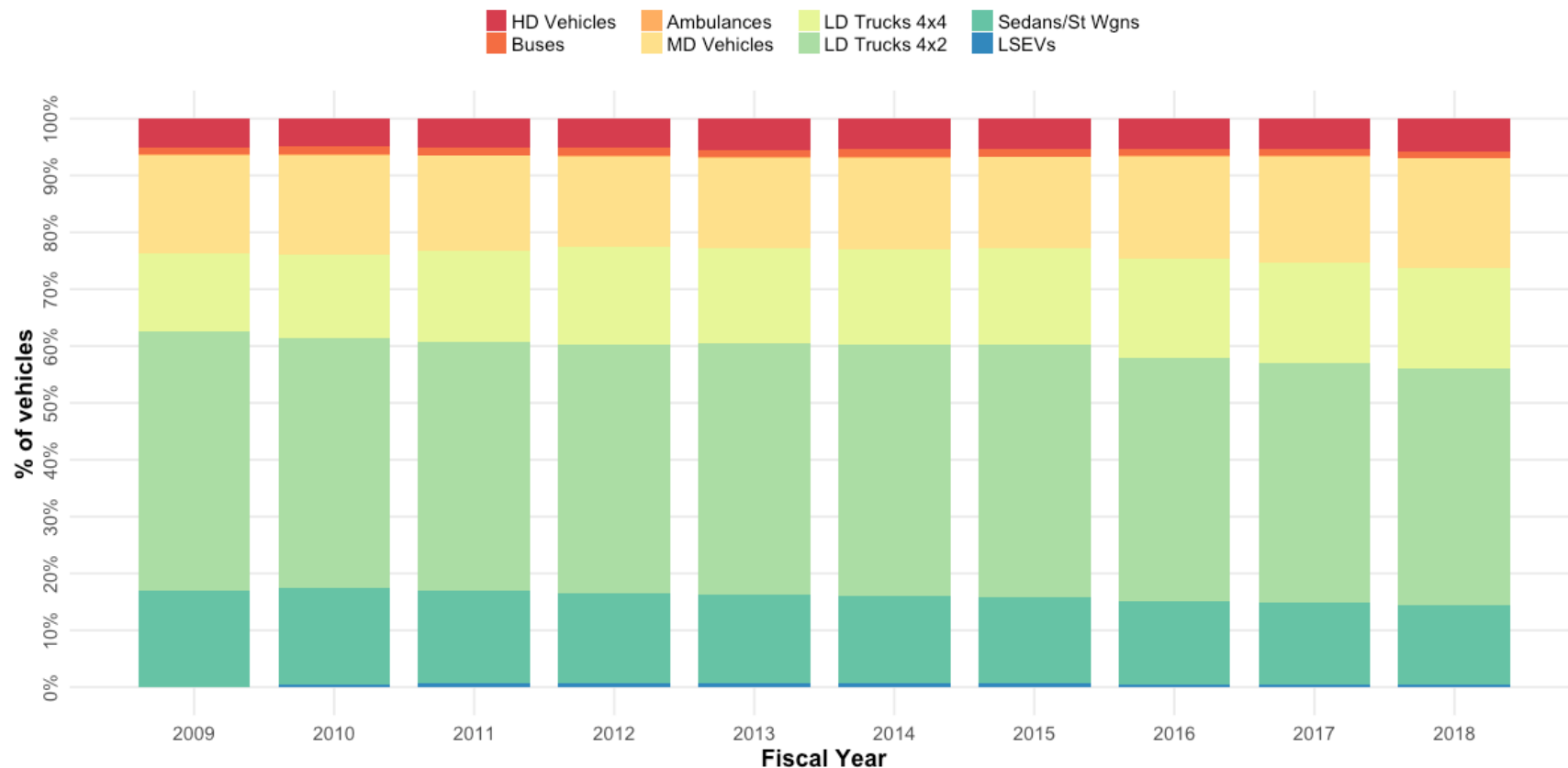


Source: FAST, preliminary data as of 2019-03-06

Overview of FY 2018 Fleet Data

Federal Vehicle Inventory

% Inventory by Fiscal Year and Vehicle Class

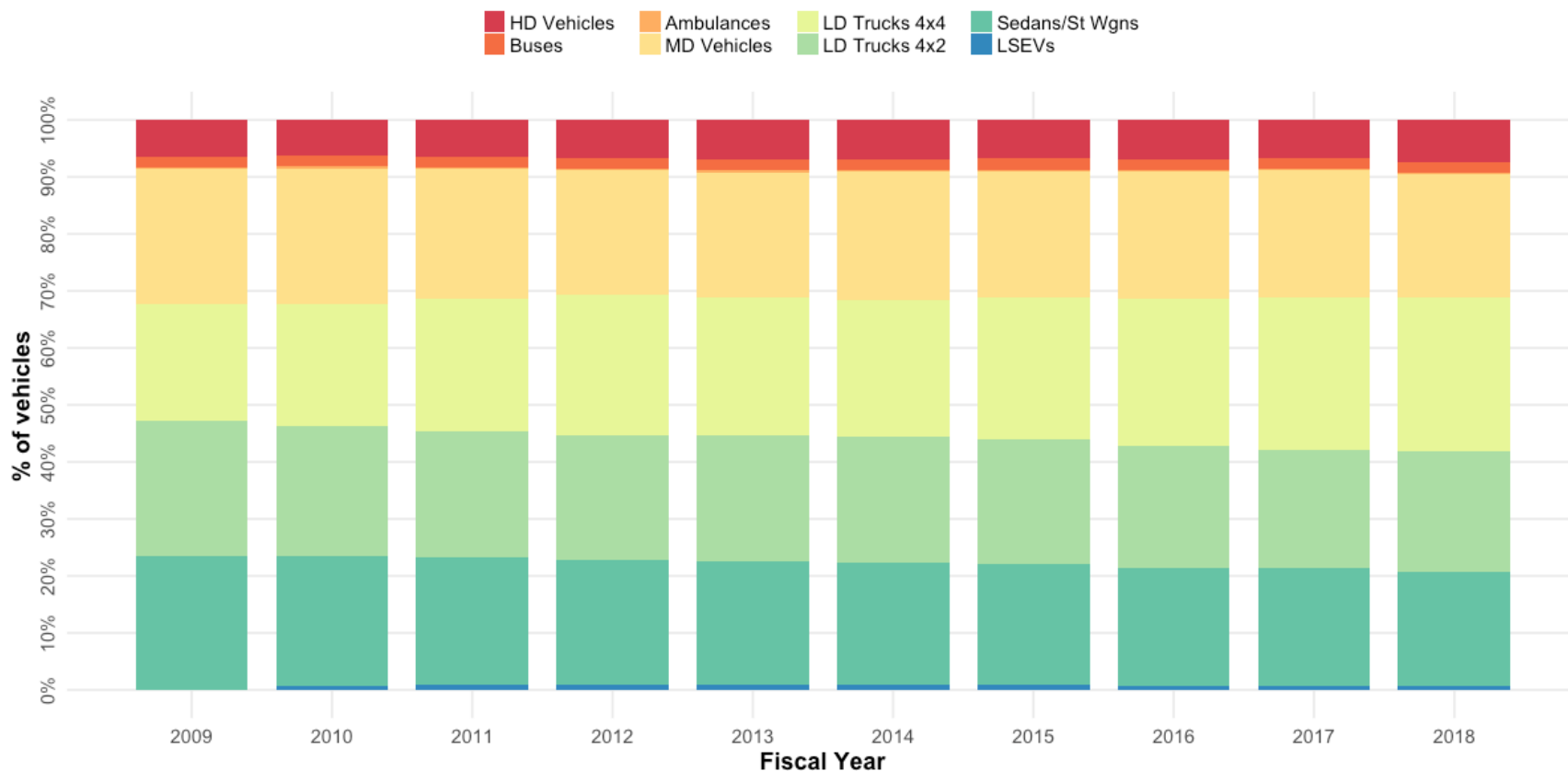


Source: FAST, preliminary data as of 2019-03-06

Overview of FY 2018 Fleet Data

Federal Vehicle Inventory (excluding USPS)

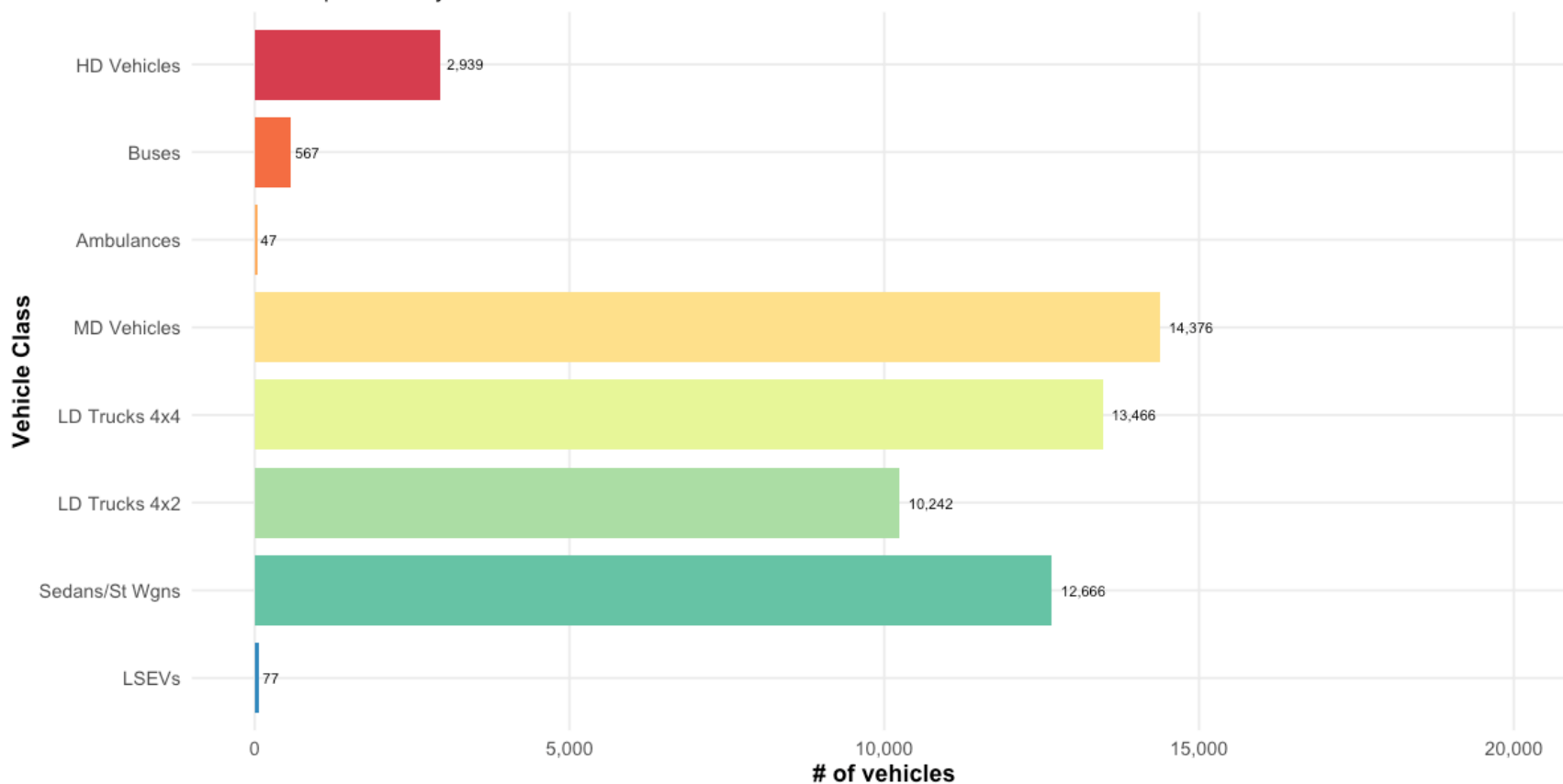
% Inventory by Fiscal Year and Vehicle Class



Source: FAST, preliminary data as of 2019-03-06

Overview of FY 2018 Fleet Data

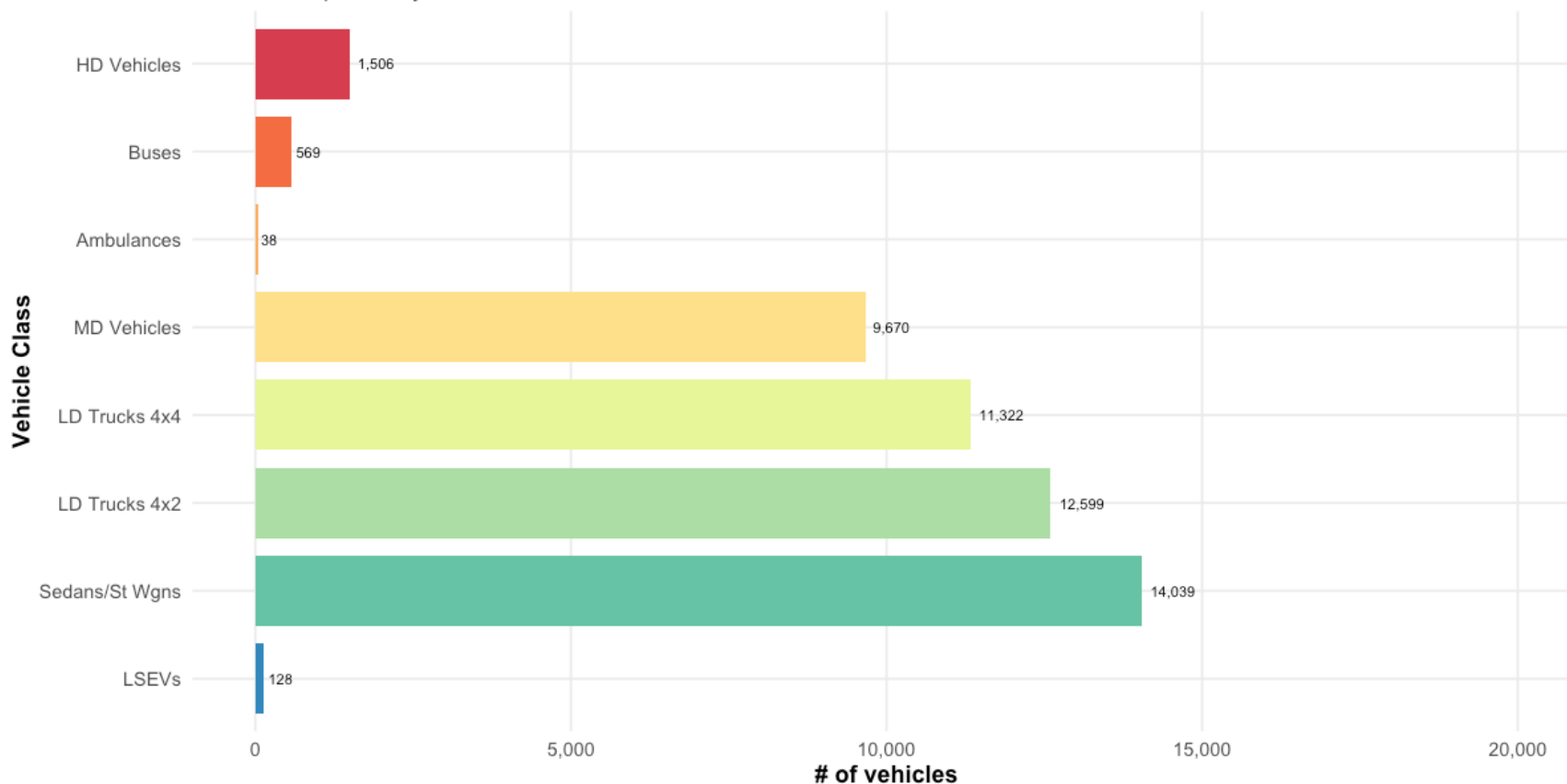
Federal Vehicle Acquisitions
FY 2018 Acquisitions by Vehicle Class



Source: FAST, preliminary data as of 2019-03-06

Overview of FY 2018 Fleet Data

Federal Vehicle Disposals
FY 2018 Disposals by Vehicle Class

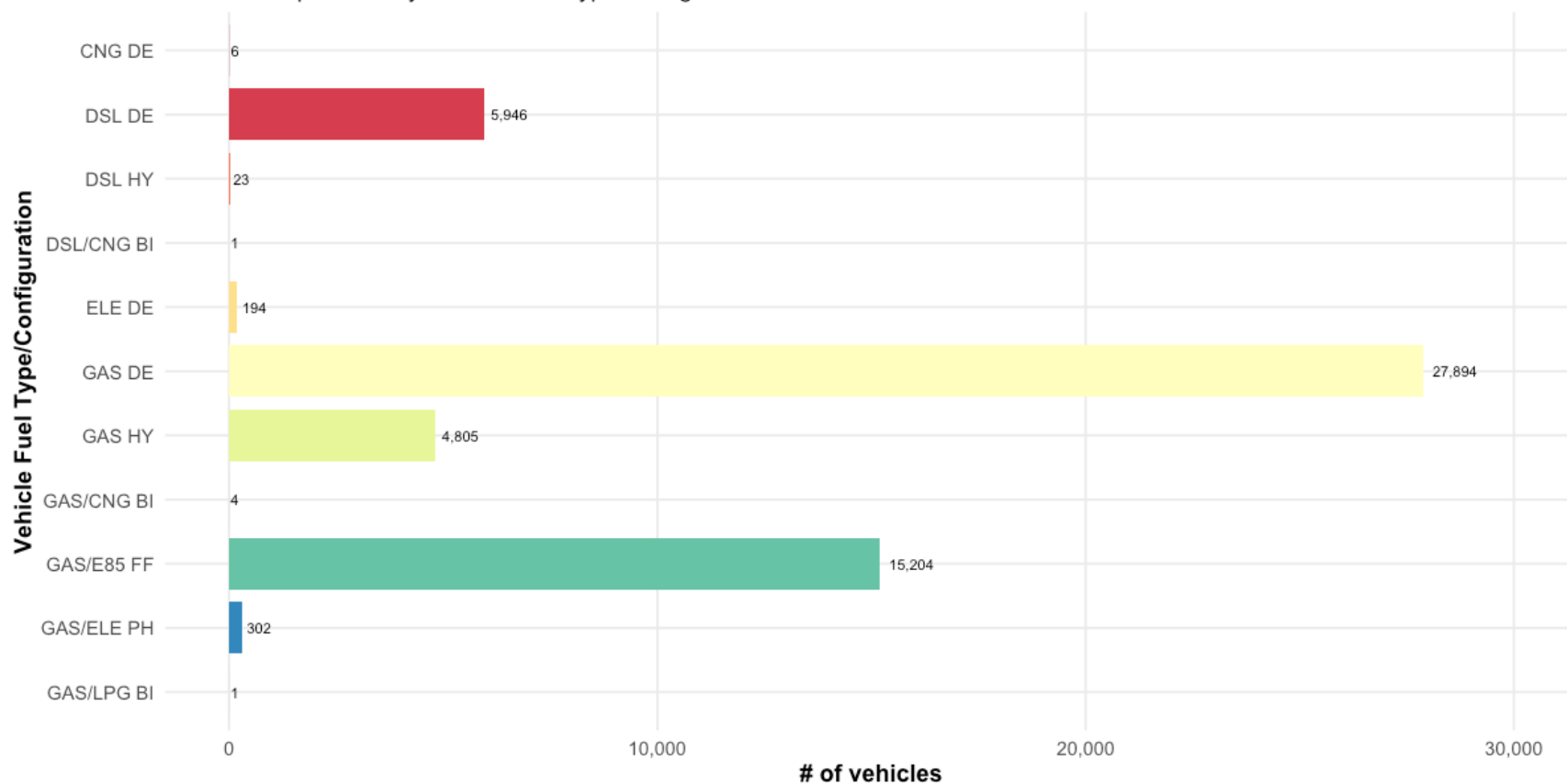


Source: FAST, preliminary data as of 2019-03-06

Overview of FY 2018 Fleet Data

Federal Vehicle Acquisitions

FY 2018 Acquisitions by Vehicle Fuel Type/Configuration

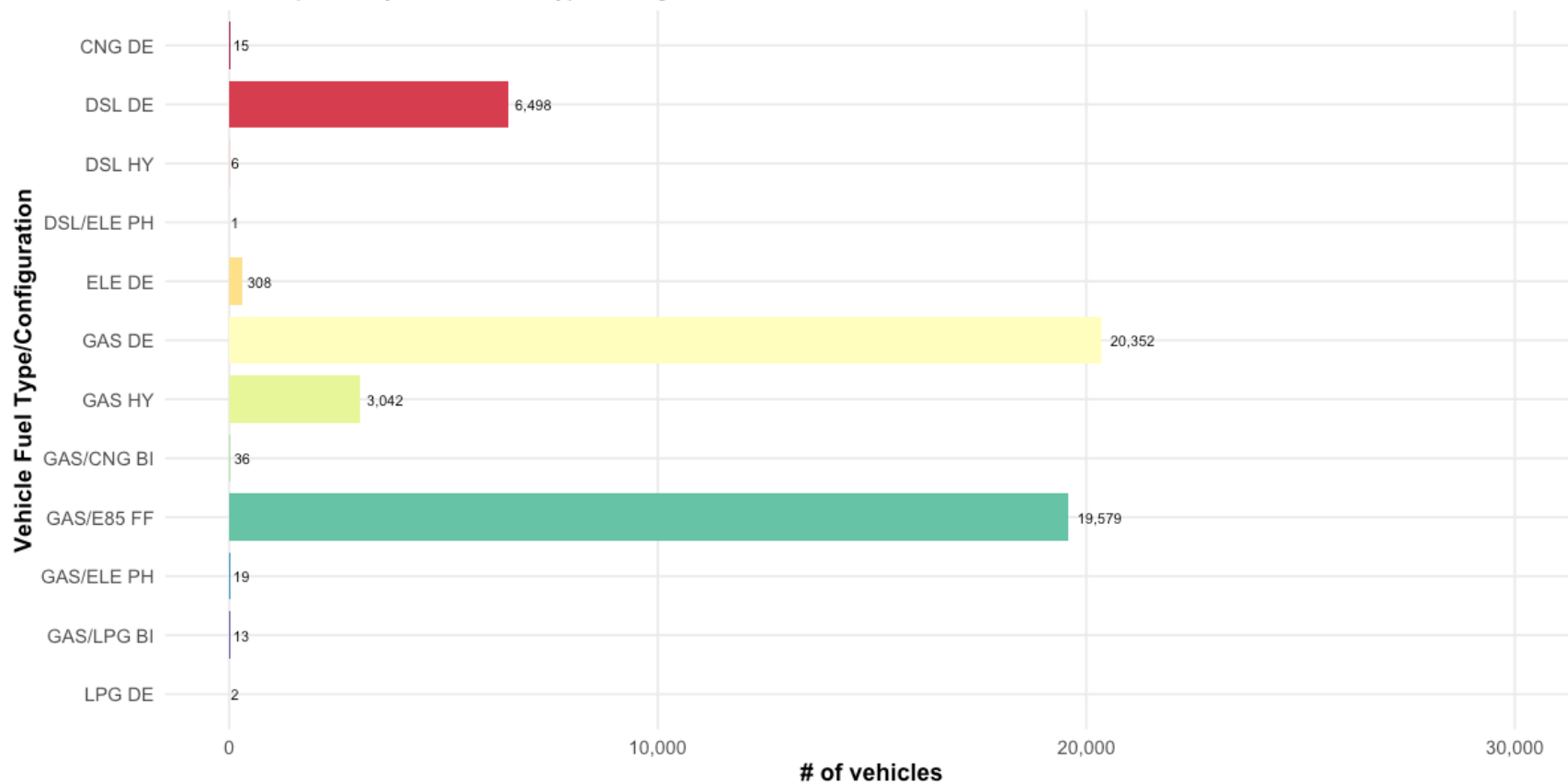


Source: FAST, preliminary data as of 2019-03-06

Overview of FY 2018 Fleet Data

Federal Vehicle Disposals

FY 2018 Disposals by Vehicle Fuel Type/Configuration

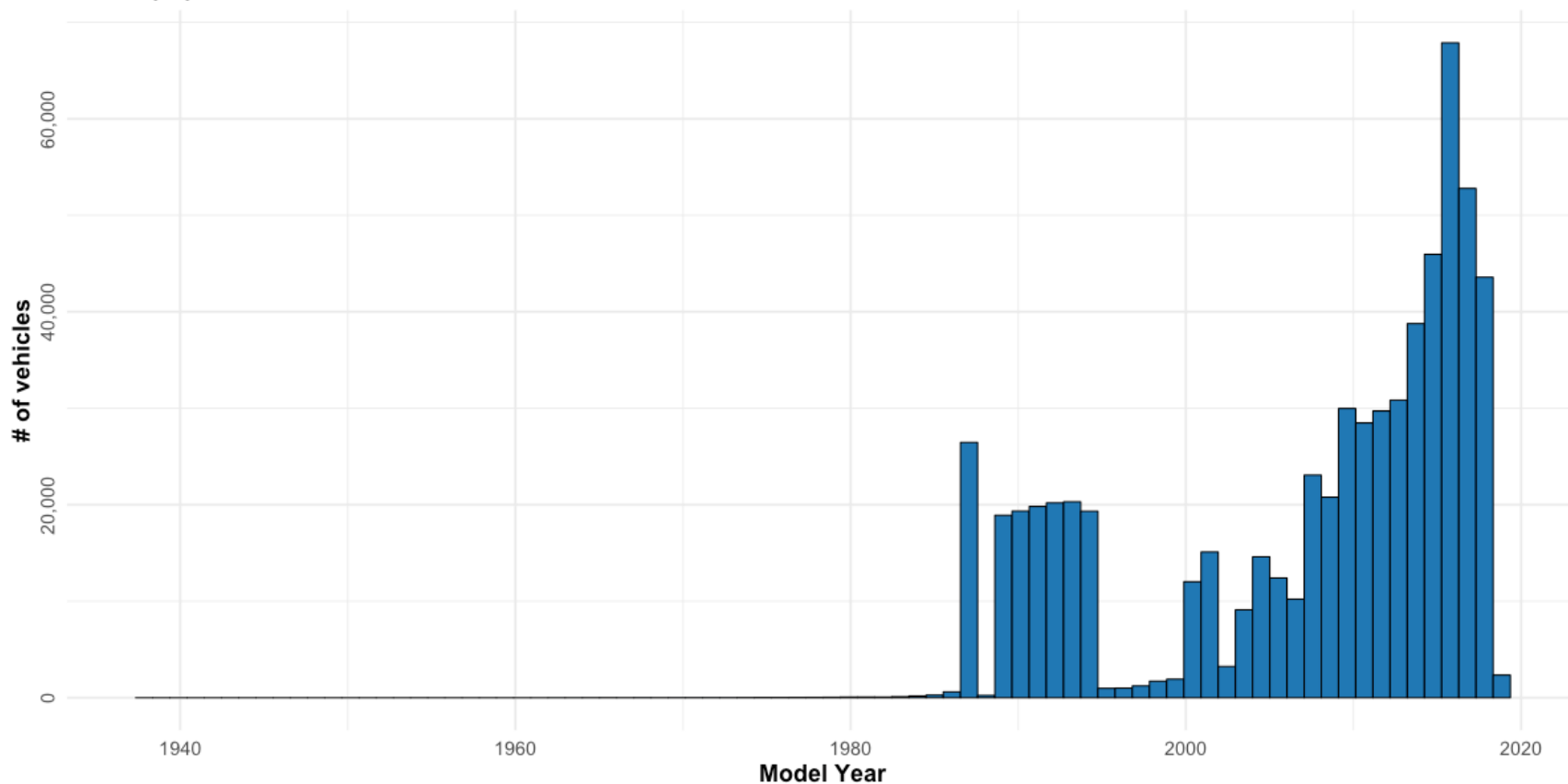


Source: FAST, preliminary data as of 2019-03-06

Overview of FY 2018 Fleet Data

Federal Vehicle Inventory

Inventory by Model Year

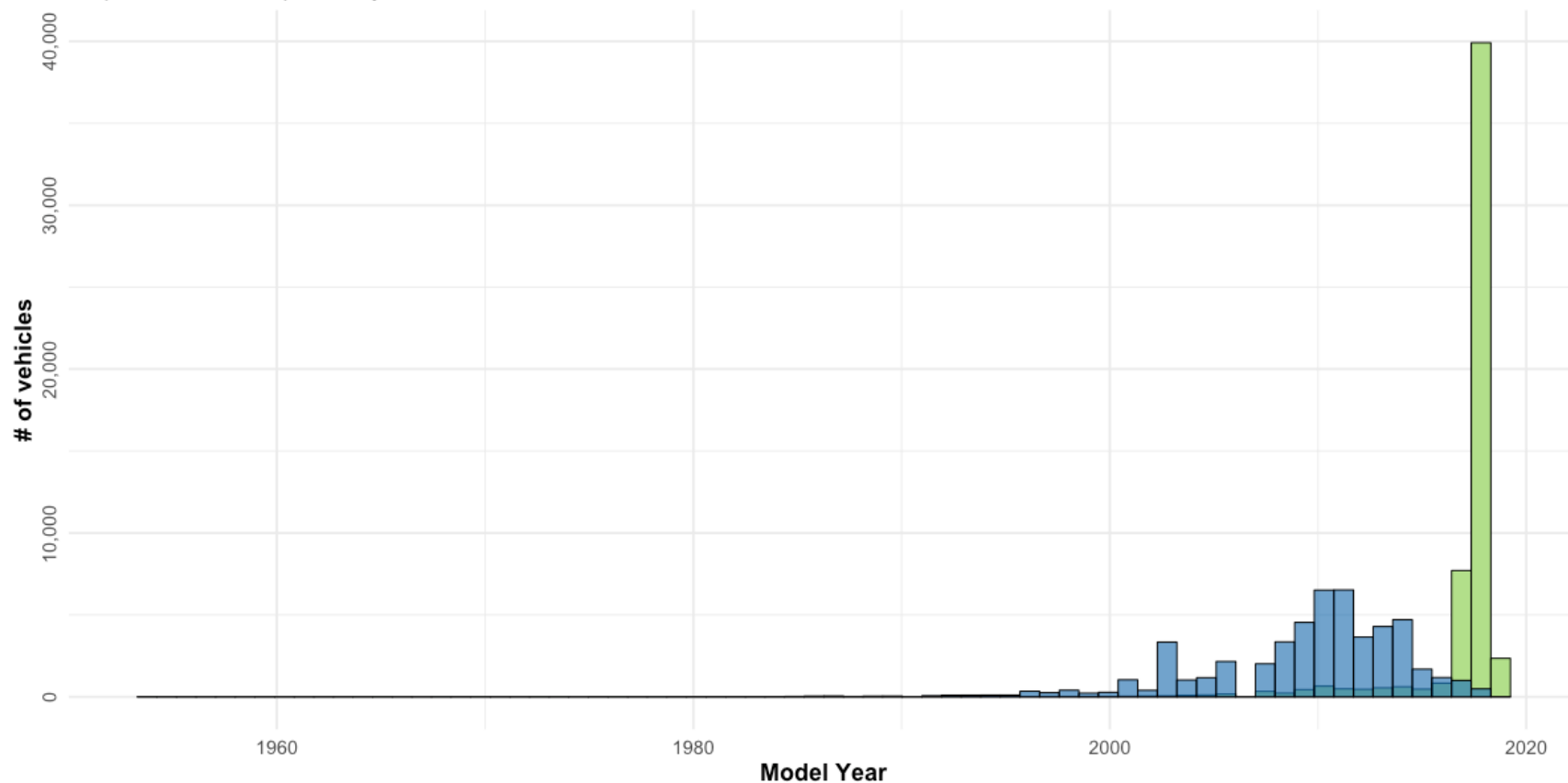


Source: FAST, preliminary data as of 2019-03-06

Overview of FY 2018 Fleet Data

Federal Vehicle Acquisitions and Disposals

Acquisitions and Disposals by Model Year

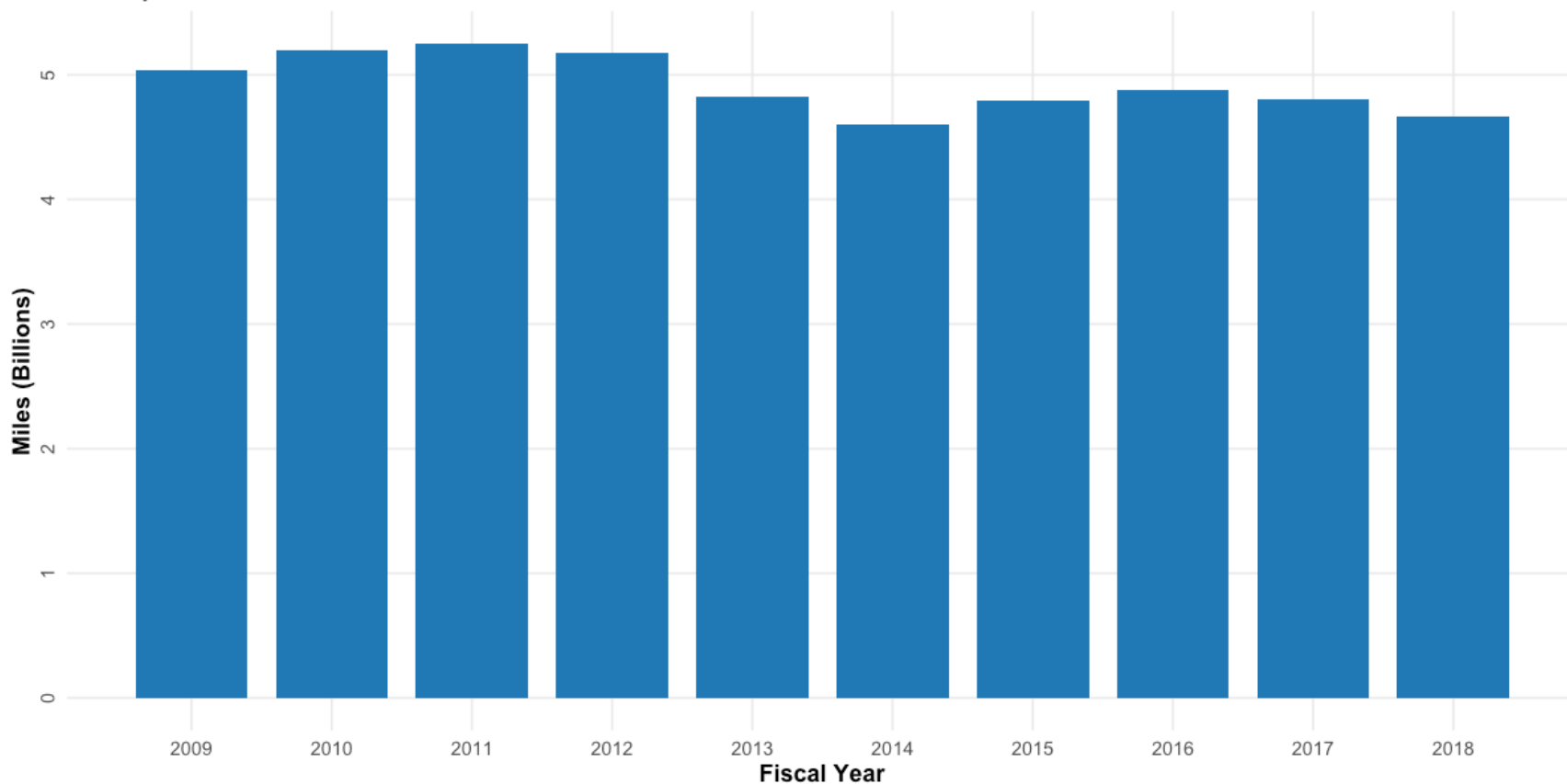


Source: FAST, preliminary data as of 2019-03-06

Overview of FY 2018 Fleet Data

Federal Vehicle Miles

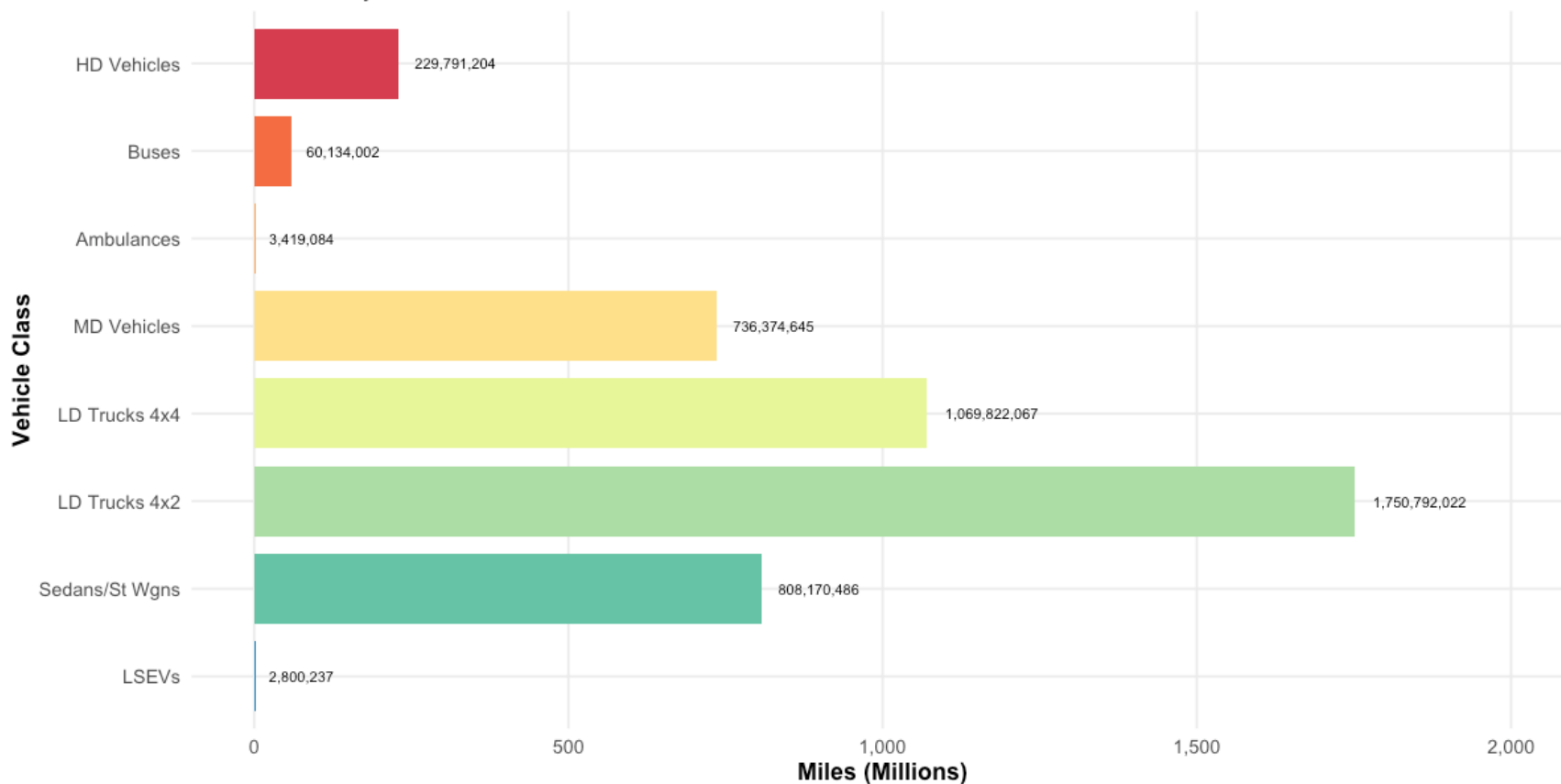
Miles by Fiscal Year



Source: FAST, preliminary data as of 2019-03-06

Overview of FY 2018 Fleet Data

Federal Vehicle Miles
FY 2018 Miles by Vehicle Class

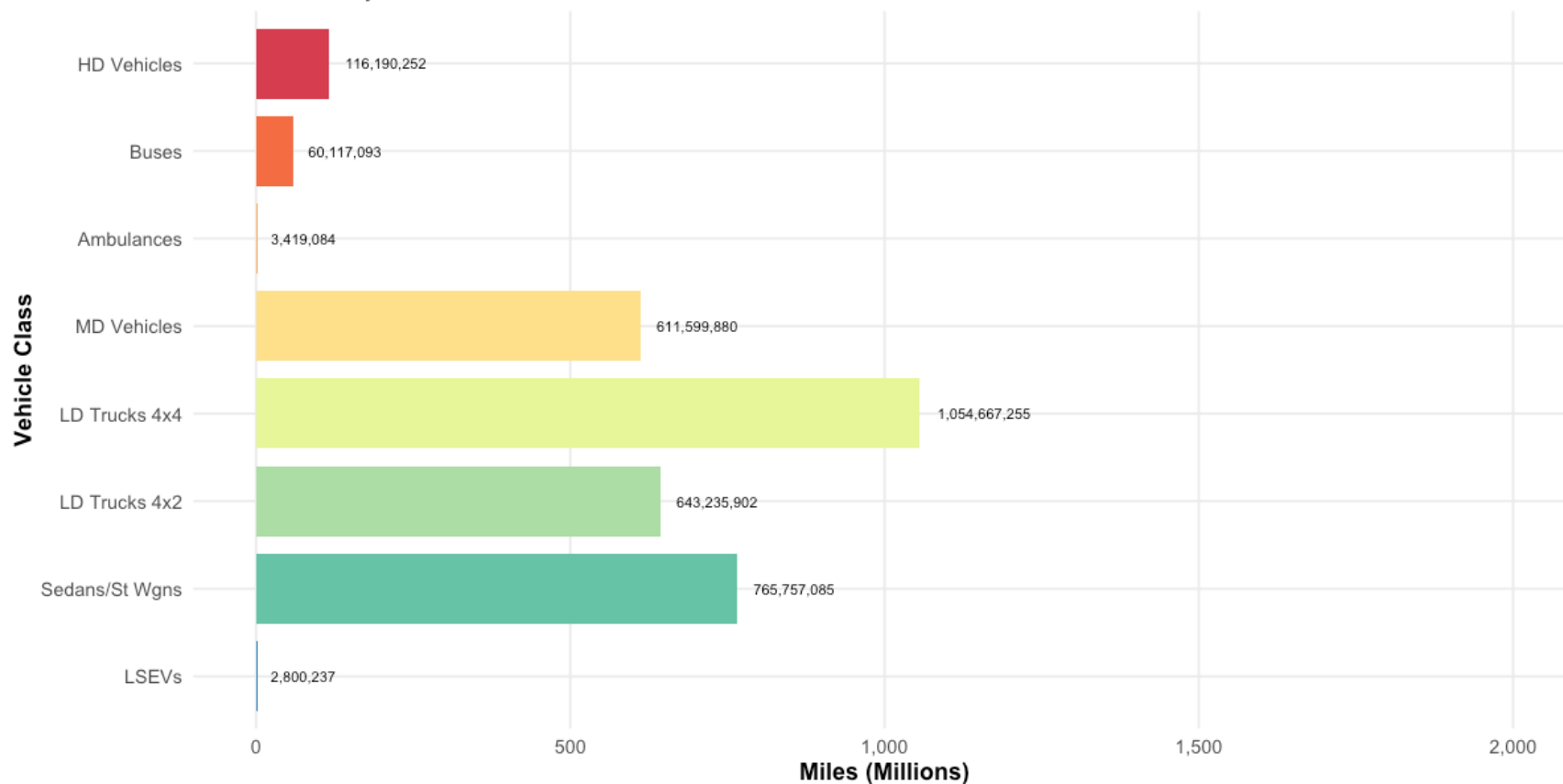


Source: FAST, preliminary data as of 2019-03-06

Overview of FY 2018 Fleet Data

Federal Vehicle Miles (excluding USPS)

FY 2018 Miles by Vehicle Class



Source: FAST, preliminary data as of 2019-03-06

Overview of FY 2018 Fleet Data

Federal Vehicle Fuel Consumption

Fuel Consumption by Fiscal Year and Fuel Type

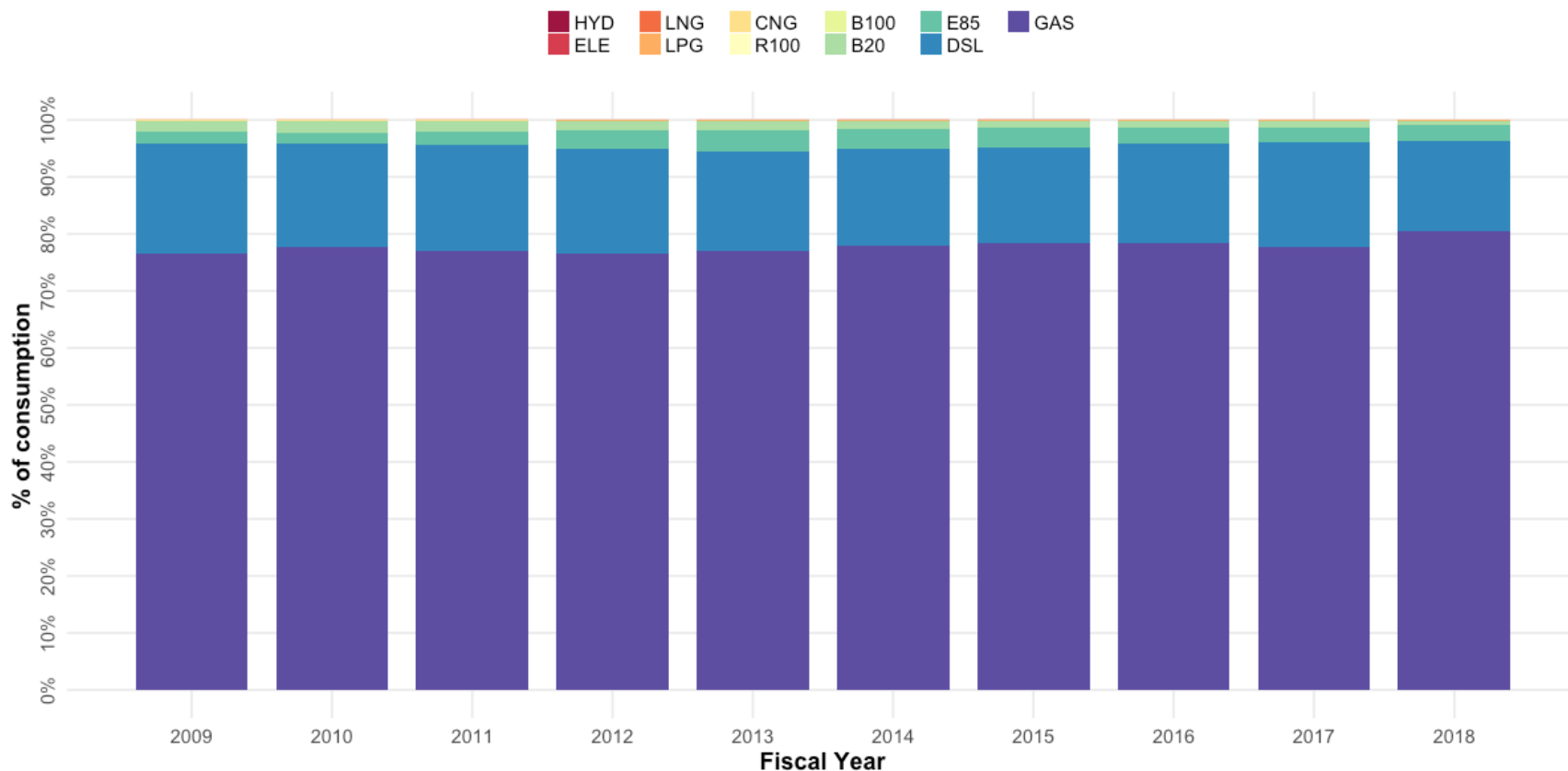


Source: FAST, preliminary data as of 2019-03-06

Overview of FY 2018 Fleet Data

Federal Vehicle Fuel Consumption

% Fuel Consumption by Fiscal Year and Fuel Type

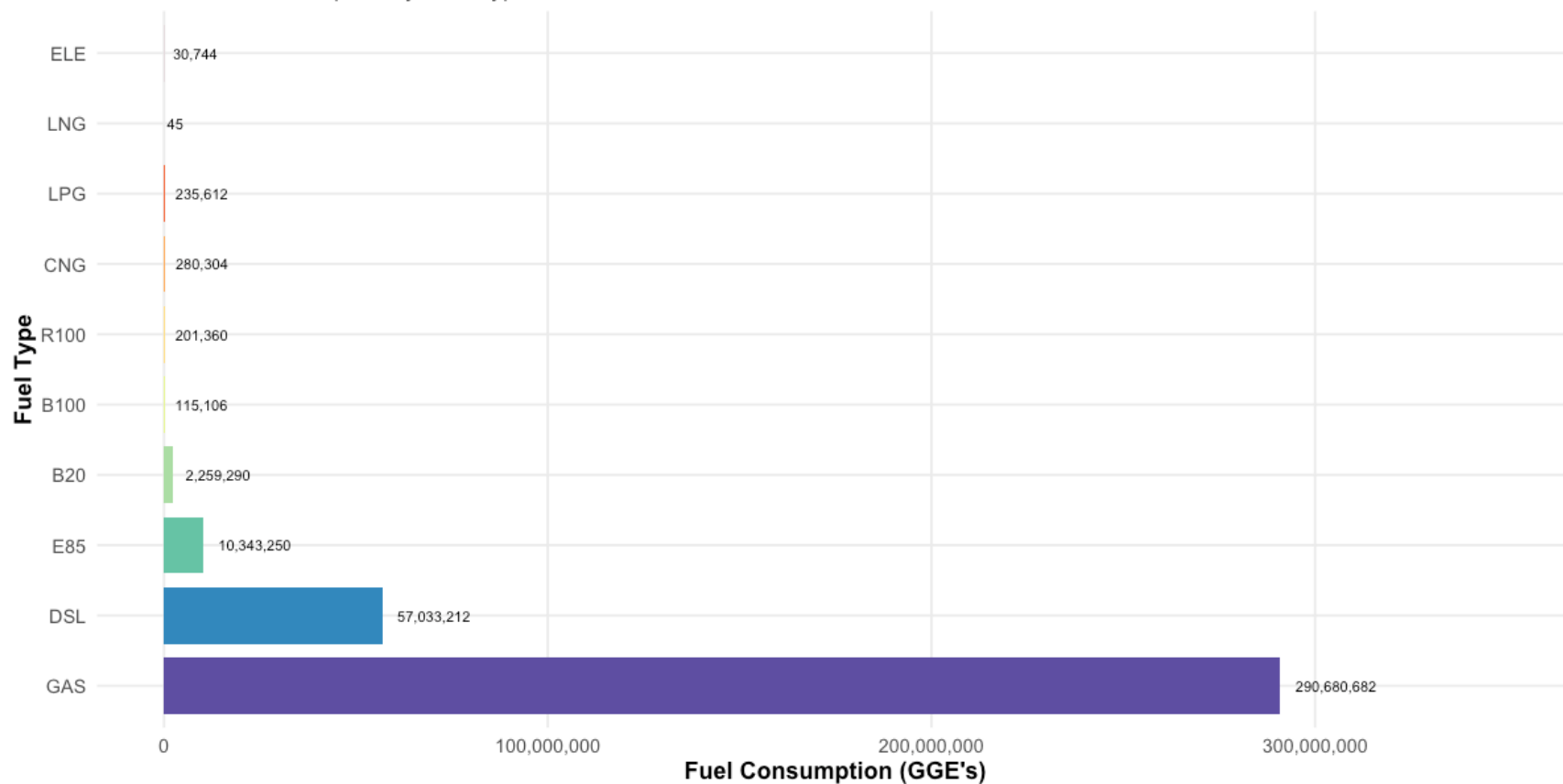


Source: FAST, preliminary data as of 2019-03-06

Overview of FY 2018 Fleet Data

Federal Vehicle Fuel Consumption

FY 2018 Fuel Consumption by Fuel Type

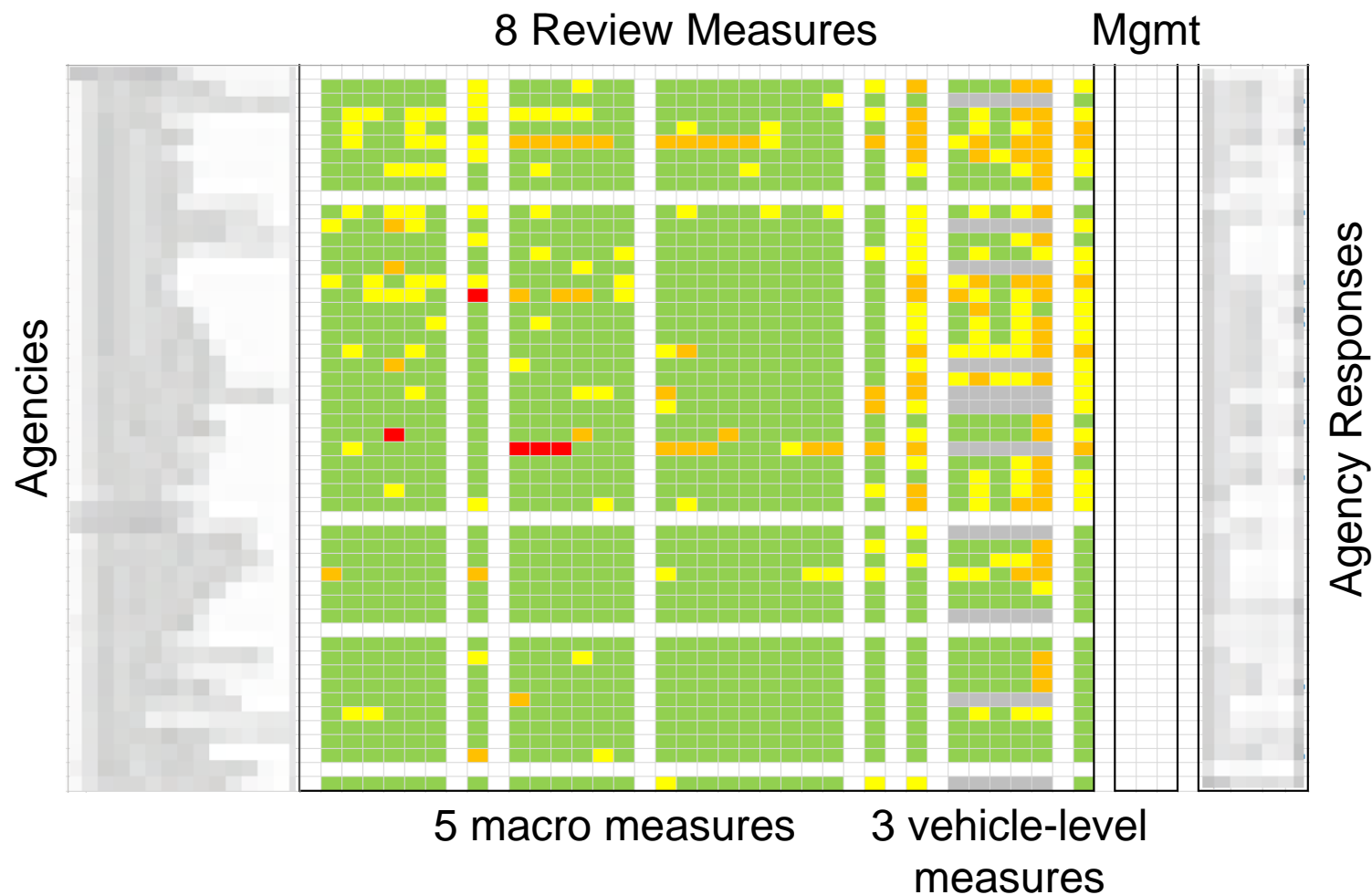


Source: FAST, preliminary data as of 2019-03-06

New Review Process

- **With recent move to VLD, significant external interest in fleet data**
 - “How good is the data?”
- **New review process implemented this year**
 - Identify potential issues in agency submissions
 - Communicate those to reporting agency
 - Agency reviews and responds
 - Corrects, where feasible
 - Assemble and summarize review/response/corrections
- **FAST management team has basis for...**
 - Answering that “How good is it?” question
 - Tracking improvement in future years

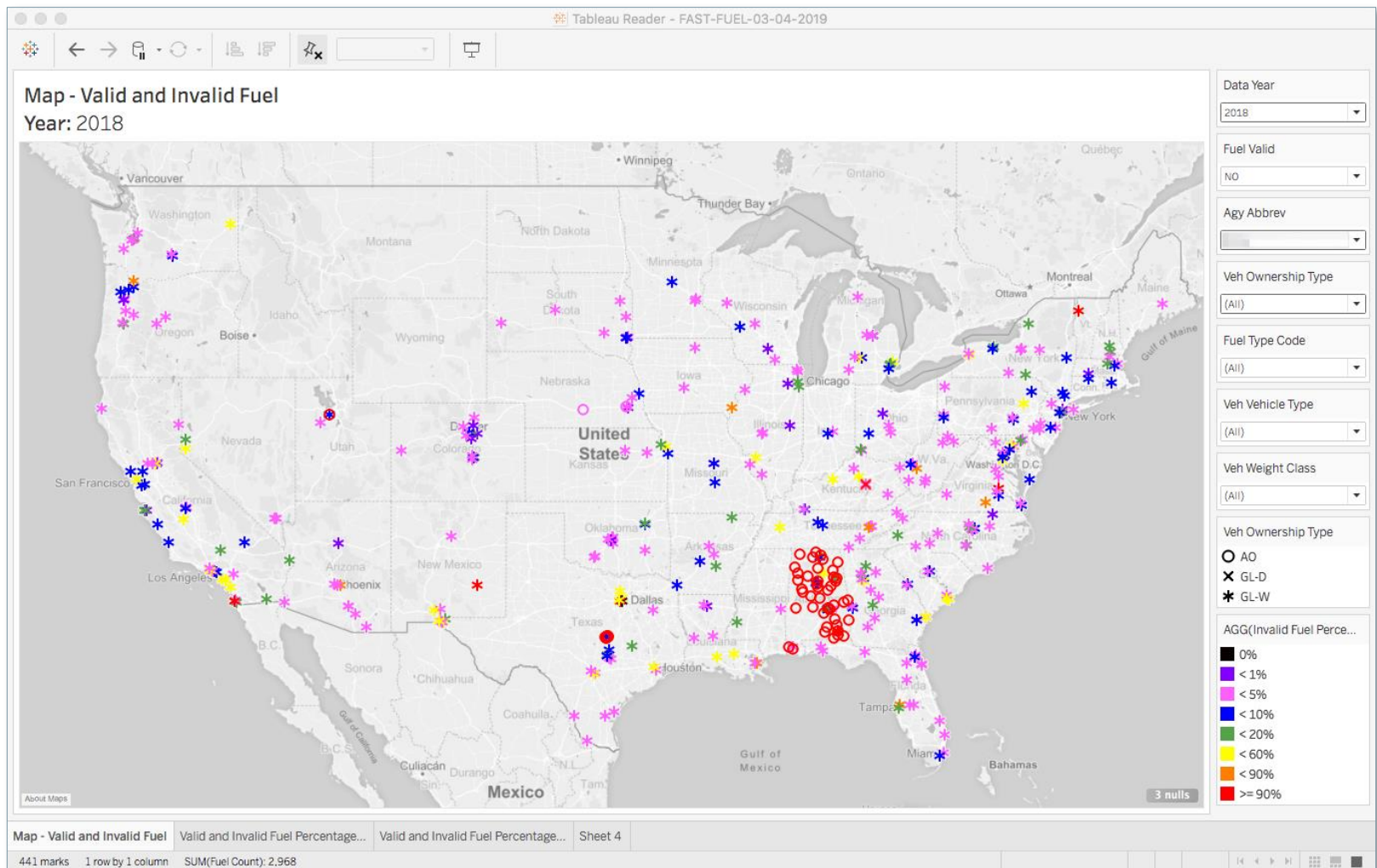
New Review Process: Dashboard



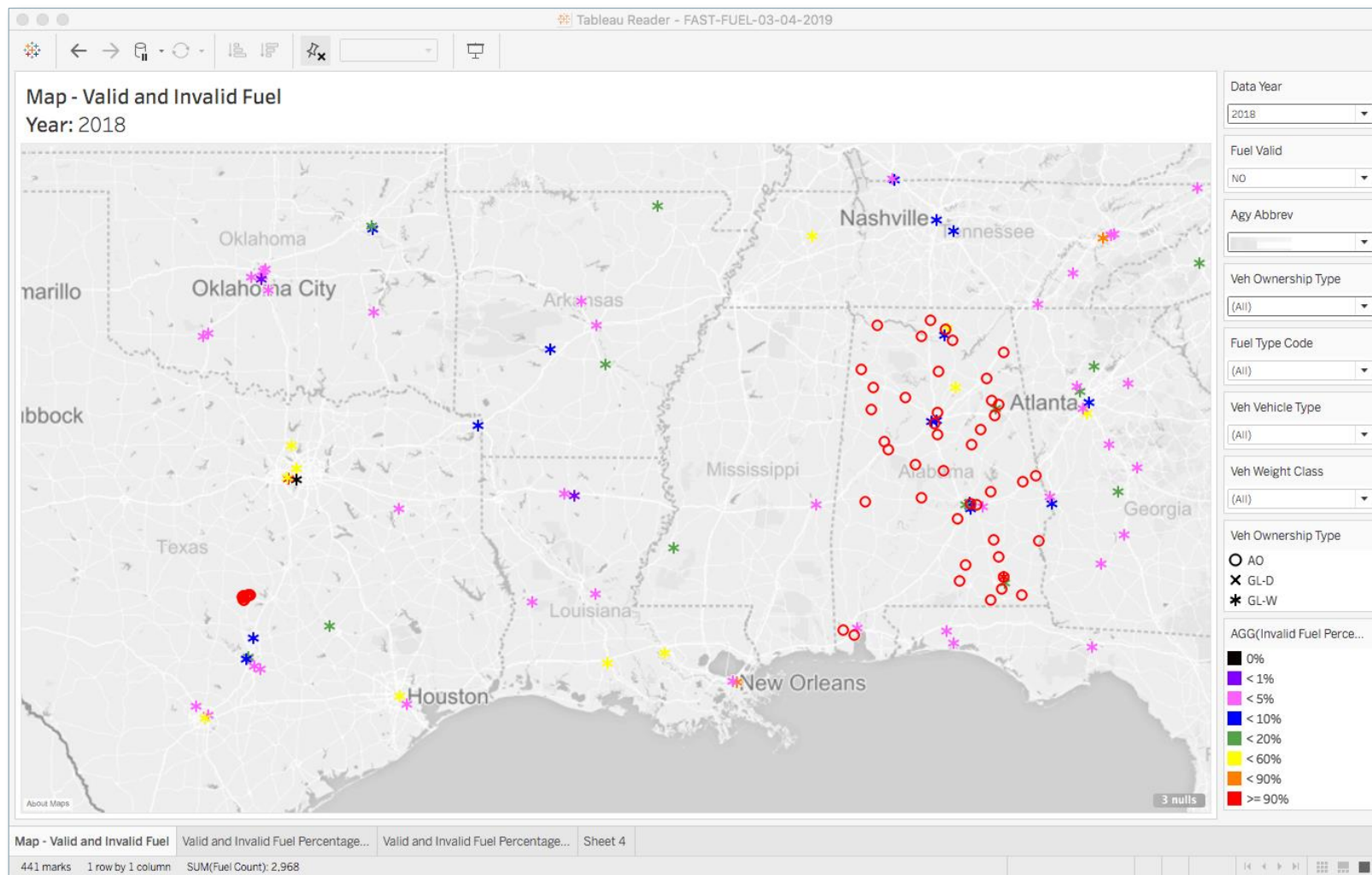
New Review Process: Areas of Concern

- **Incomplete response to review feedback**
- **Changing vehicle ID's from year to year**
 - Only half of non-USPS vehicles from prior year carry identical vehicle ID
- **Measure 6: # of vehicles with invalid high fuel efficiencies**
- **Measure 7: year-to-year consistency of reporting**
 - b) # of vehicles reported in current year but missing from prior year (40K)
 - d) # of vehicles reported in prior year inventory but missing from current year (28K)
 - e) # of vehicles with changes to “immutable” attributes (224K of 554K; 40.3%)
- **Measure 8: # of vehicles with placeholders for 1+ attributes**
 - ~20,400 vehicles with 28,500 placeholders
- **Vehicles with invalid fuel type consumption**

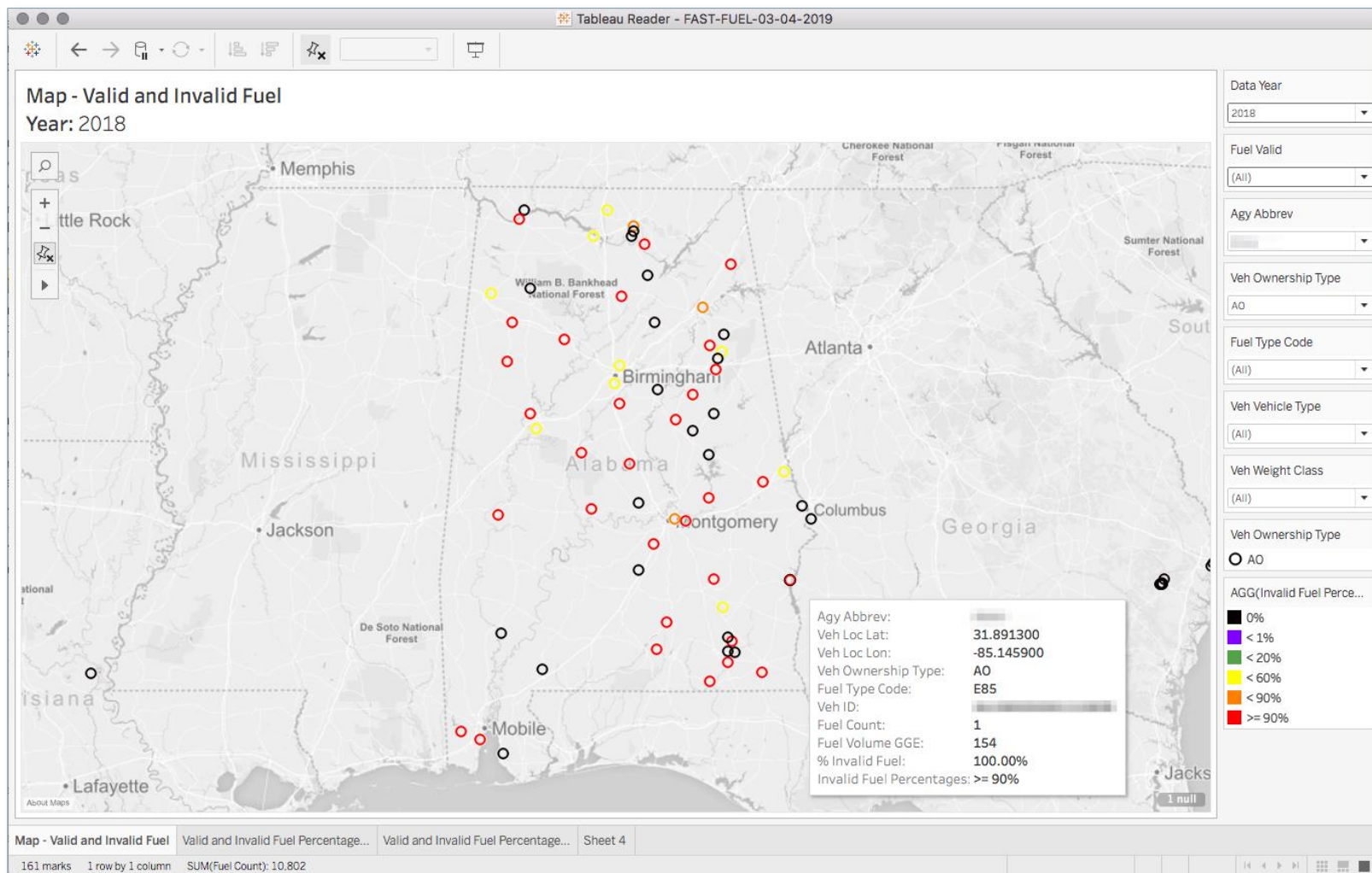
New ways to look at fleet information...



New ways to look at fleet information...



New ways to look at fleet information...



Interested in more?

FedFleet 2019



April 9-11, 2019 – Washington, DC

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